

## **IN THE CLAIMS**

Claims 1 to 31: Canceled

32. (Previously Presented) A ventilated seat, comprising:  
an insert comprising:  
a flow control layer;  
a spacer;  
a fluid barrier; and  
a thermoelectric device associated with a blower;  
at least one conduit with at least one flow hole, wherein the conduit extends across at least a portion of seat portion of the insert; and  
wherein ambient air drawn through the flow control layer and temperature conditioned air drawn through the conduit are mixed within the insert.
33. (Currently Amended) The seat of claim 32, wherein the at least one conduit is located within a sealed edge ~~edged~~ of the insert.
34. (Currently Amended) The seat of claim 32, wherein the at least one conduit is attached to the insert along at least a portion of the its-length of the conduit.
35. (Original) The seat of claim 32, wherein the at least one conduit is located underneath the flow control layer relative to the occupant.
36. (Original) The seat of claim 32, wherein the at least one conduit is located above the flow control layer relative to the occupant.
37. (Currently Amended) The seat of claim 32, wherein the thermoelectric device is fluidly connected to the spacer via the at least one flow hole of the conduit and the at least one ventilation hole of the flow control layer comprises a fluid barrier or at least one flow hole located in the seat portion.

38. (Current Amended) The seat of claim 32, wherein the wherein the blower is in fluid communication with the spacer through a port located in the fluid barrier ~~port is located in an extension of the insert.~~

39. (Currently Amended) The seat of claim 32, wherein the insert is an edge sealed insert comprising an extension portion wherein the ~~further comprising a~~ blower is in fluid communication with the spacer through a port in the extension portion of the ~~flow control layer or the fluid barrier.~~

40. (Canceled)

41. (Canceled)

42. (Previously Presented) The seat of claim 39, further comprising at least one of an additional spacer, a seat cover, at least one attachment component, an adhesive layer, at least one sensor, at least one control unit or combinations thereof.

43. (Original) The seat of claim 42, wherein the insert is attached to a seat cushion.

44. (Original) The seat of claim 43, wherein the insert is attached to the seat cover.

45. (Previously Presented) The seat of claim 32, further comprising at least two blowers.

46. (Currently Amended) The seat of claim 32, wherein the blower and the TED are connected to the insert at an ~~the~~ extension of the insert.

Claims 47 to 51: Canceled

52. (Previously Presented) The seat of claim 32 wherein the conduit is located along an edge of the seat portion of the insert.

53. (Previously Presented) The seat of claim 32 wherein the conduit is located along an edge of an extension of the insert.

54. (Previously Presented) The seat of claim 32 wherein the conduit extends into the seat portion of the insert.

55. (Previously Presented) The seat of claim 32 wherein the conduit is held within the insert or formed as part of the insert.

56. (Previously Presented) The seat of claim 32 wherein the conduit is located in the plane of the insert.

57. (Canceled)

58. (Canceled)

59. (Previously Presented) The seat of claim 32 wherein the spacer comprises a polymeric strand material.

60. (Currently Amended) The seat of claim 32 ~~further comprising a heater layer~~ wherein the insert comprises:

the flow control layer;

the fluid barrier; and

the spacer is located between the flow control layer and the fluid barrier;

and wherein the blower is in fluid communication with the spacer;

the thermoelectric device is a source of temperature conditioned air; and

the at least one conduit with the at least one flow hole fluidly connects the thermoelectric device to the spacer;

wherein the blower draws ambient air through the flow control layer and draws temperature conditioned air through the conduit and into the spacer.

61. (Currently Amended) A ventilated seat, comprising:  
a seat cover;  
an insert comprising:  
a flow control layer including at least one ventilation hole;  
~~a spacer~~;  
a fluid barrier;  
a spacer located between the flow control layer and the fluid barrier;  
and  
a port in the flow control layer or the fluid barrier;  
at least one conduit with at least one flow hole, wherein the conduit extends  
across at least a portion of a seat portion of the insert;  
a seat cushion;  
a thermoelectric device (TED) as a source of temperature conditioned air; and  
at least one fan fluidly connected to the spacer at the port~~TED via the conduit~~  
~~and the spacer via the port~~ wherein the fan draws ambient air through the seat cover  
into the spacer through the at least one ventilation hole of the flow control layer and  
wherein the fan draws temperature conditioned air from the TED into the spacer  
through the at least one flow hole and the at least one ventilation hole.
62. (Previously Presented) The seat of claim 61 wherein the spacer comprises  
a polymeric strand material.
63. (Previously Presented) The seat of claim 61 further comprising a heater  
layer.
64. (Currently Amended) The seat of claim 63 wherein the heater layer is an  
integrated part of the insert.
65. (Previously Presented) The seat of claim 61 wherein the insert is a sealed  
edge insert.
66. (Previously Presented) The seat of claim 65 wherein the port is located in  
an extension of the insert.

67. (Previously Presented) The seat of claim 61 wherein the insert is located between the seat cover and the seat cushion.

68. (Previously Presented) The seat of claim 67 further comprising an additional spacer located between the seat cover and the insert.

69. (Currently Amended) The seat of claim 61 wherein the at least one fan both blows air toward the TED and draws air away from the TED insert is located underneath the seat cushion relative to the seat cover.

70. (Currently Amended) A ventilated seat, comprising:  
a seat cover;

an edge sealed insert located beneath a seat cover and attached to a seat cushion, the insert comprising:

a heater layer;

a flow control layer comprising at least one ventilation hole in a top surface of the insert;

a spacer;

a fluid barrier comprising a port;

a spacer comprising a polymeric strand material located between the flow control layer and the fluid barrier; and

a port in the flow control layer or the fluid barrier;

at least one conduit located within the seal edge of the insert with at least one flow hole directed toward the top surface of the insert, wherein the conduit extends along at least one sealed edge across at least a portion of a seat portion of the insert;

a seat cushion;

a thermoelectric device (TED) as a source of temperature conditioned air; and

at least a first one fan fluidly connected to the insert at the port, TED via the conduit and the spacer via the port wherein the first fan draws ambient air through the seat cover into the spacer through the at least one ventilation hole of the flow control layer and draws temperature conditioned air from the TED; and

at least a second fan fluidly connected to the TED, the second fan blows temperature conditioned air out of the at least one flow hole and through the seat cover.

71. (Currently Amended) The seat of claim 71 wherein the conduit insert further comprises a spacer comprising a polymeric strand material~~heater layer~~.